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## SEQUENCE LISTING

&lt;110&gt; Daiichi Fine Chemical Co., Ltd.

&lt;120&gt; Novel plasmids and their uses

&lt;130&gt; FP04-0397

&lt;150&gt; JP 2003-373476

&lt;151&gt; 2003-10-31

&lt;160&gt; 100

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Rhodococcus erythropolis

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; 202bp to 480bp pRET1100

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&lt;210&gt; 2

&lt;211&gt; 243

&lt;212&gt; DNA

&lt;213&gt; Rhodococcus erythropolis

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; 238bp to 480bp pRET1100

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gagtacggga gatatgcgcg agccatcgag tcttoggatc tgcgttttct cgccaccctc 180

cagcaagacc agggccaacg cgaattcttc gctgaggagt tcggtgtggt ggatccgtca 240

tga 243

&lt;210&gt; 3

&lt;211&gt; 144

&lt;212&gt; DNA

&lt;213&gt; Rhodococcus erythropolis

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; 337bp to 480bp pRET1100

&lt;400&gt; 3

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ctgcgttttc tcgccaccct ccagcaagac caggccaac gcgaattctt cgctgaggag 120

ttcgggtggtg tggatccgtc atga 144

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 <213> Rhodococcus erythropolis

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 gacctgctca cgggtgaagga gactgcgggg ctgctgagag tcagtcaggc aactctttac 180  
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 <213> Rhodococcus erythropolis

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 <223> 862bp to 2409bp pRET1100

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gaaatagtgg gctggtctgc tcgtttctcg tcacggatga tcttgogaat ggagaaactc	180
gactgggctc ccatgatgga tttagcgggc attcctgcga tggtagacct cacctatccg	240
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ttcaaacggt tccaacgggc ctggggcatt gcctggatgg gtgcgtggaa aatggagttc	360
caaagccgag gcgtccgca ttttcacctg tacatggtcc ctctcatgg gaaggcagga	420
gactcgcgga agctcggcga tgatgctgag ctcttgaat gggagatagc acgtgcagag	480
ggtgaagacc caggtcgcag gccgtatttc cgggaagctc caagcgatgg attgaagttt	540
cgtagctggc tttctgcggt gtgggcggac gtcgtagatc atccggaccc caaggaaaaa	600
gaaaagcagc tcagtccggg cactggagtg gactacgagg agggcacgcg agggtcagat	660
ccgaaaaggc ttgcggtgta cttctccaag catggaacct ttgccgacaa ggaatatcag	720
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cgcggtttgt cgcggccac ggctgccacc gagatttctt gggatgagta cctgctttta	840
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 atgggtgcgt ggaaaaatga gtccaaaagc cgaggcgctc cgcattttca cctgtacatg 240  
 gtccctcctc atgggaaggc aggagactcg cggaagctgc ggcatgatgc tgagctcttg 300  
 aaatgggaga tagcacgtgc agagggtgaa gaccaggctc gcaggccgta ttccgggaa 360  
 gctccaagcg atggattgaa gtttcgtccg tggctttctg cgggtgggc cgacgtcgta 420  
 gatcatccgg accccaagga aaaagaaaag cacgtcagtg ccggcactgg agtggactac 480  
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 cgacgcacgg ttaccgggca ccgcttgac ctcgtgaccg gtgagattct gggcacgaag 840  
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 <212> DNA  
 <213> Rhodococcus erythropolis

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 <223> 1462bp to 2409bp pRET1100

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 ctccagacgt tcttcaaacg gtccaacgg gcctggggca ttgcctggat ggggtcgtgg 180  
 aaaaatggagt tccaaagccg aggcgctccg cattttcacc tgtacatggt ccctcctcat 240  
 gggaaggcag gagactcgcg gaagctgcgg catgatgtg agctcttgaa atgggagata 300  
 gcacgtgcag aggggtgaaga ccaggctgc aggccgtatt tccgggaagc tccaagcgat 360  
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 ttctggggct accgcggttt gtcccgccc acggctgcc cagagatttc ctgggatgag 660  
 tacctgcttt tatctgcac gttgcgacga ttgtcagcgc gaacgaagat ctgggacccg 720  
 gctttacgag gcggtagcgg cggccacaga tggactaagg cgatgatgc acgcacggtt 780  
 accgggcacc gcttgacot cgtgaccggt gagattctgg gcacgaagac gcggaagggt 840  
 cgggcgccag tgaagaggtt tgtccggact tccggatacc tgtgtgtcaa tgacgggccc 900  
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 <213> Rhodoccus erythropolis

<220>  
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 agtgcggca ctggagtga ctacgcggag ggcacgcgag ggtcagatcc gaaaaggctt 480  
 gcggtgtact tctcaagca tggaaccttt gccgacaagg aatatcagca cgtagttcct 540  
 gtcfaatggc agaaaacggg tgcgggacct ggcaggttct ggggctaccg cggtttgtcg 600  
 ccggccacgg ctgccaccga gatttcctgg gatgagtacc tgcttttato tcgcacgttg 660  
 cgacgattgt cagcgcgaac gaagatctgg gacccggctt tacgaggcgg tagcggcggc 720  
 cacagatga ctaaggcgtat gatgcgacgc acggttacct ggcaccgctt ggacctcgtg 780  
 accggtgaga ttctgggcac gaagacgcgg aaggttcggg cggcagtga gaggtttgtc 840  
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 ctctgtacaa gctgcctgag ctag 924

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 <213> Rhodococcus erythropolis

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agatggacta aggcgatgat gcgacgcacg gttacccggc accgcttgga cctcgtgacc 780  
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cgtacaagct gcctgagcta g 921

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<212> DNA  
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gggtcagatc gaaaaaggct tgcggtgtac ttctccaagc atggaacctt tgccgacaag	360
gaatatcagc acgtagtcc tgctcaatgg cagaaaacgg gtgcgggacc tggcaggttc	420
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gcgccagtga agaggtttgt ccggacttcg ggatacctgt gtgtcaatga cggcccccga	720
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 <223> 1687bp to 2409bp pRET1100

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gaagctccaa gcgatggatt gaagtctcgt ccgtggcttt ctgcggtgtg ggccgacgtc	180
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aagacgcgga aggttcgggc gccagtgaag aggtttgtcc ggacttcggg atacctgtgt 660  
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tag 723

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<212> DNA  
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gtcaatgacg ggcccgact ggtcgaacc ctacgcgctc ttctacaag ctgcctgagc 180  
tag 183

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<212> DNA  
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tggagcttcc cggaataacg gcctgcgacc tgggtcttca cctctgcac gtgctatctc 120



ccatttcaag agctcagcat catgccgcag ctccgcgag tctcctgcct tcccatgagg 180  
 agggaccatg tacaggtgaa aatgccggagc gcctcggctt tggaaactcca tttccacgc 240  
 acccatccag gcaatgcccc agggccgttg gaaccgtttg aagaacgtct ggagatgttt 300  
 tttagacctca gcgccggttg gggcaaccgt aagccagtcc cccggatagg tgagggtcac 360  
 catcgcagga atgcccgga aatccatcat gggagcccag tcgagttctg ccattcgcaa 420  
 gatcatccgt ga 432

<210> 18  
 <211> 291  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 1734bp to 1444bp pRET1100

<400> 18  
 atgccgcagc ttccgcgagt ctctgcctt cccatgagga gggaccatgt acaggtgaaa 60  
 atgccggagcg cctcggcttt ggaactccat tttccacgca cccatccagg caatgcccc 120  
 ggcccggttg aaccgtttga agaacgtctg gagatgtttt ttgacctcag cgccggtggg 180  
 ggcaaccgta agccagtccc ccggataggt gaggtcacc atcgcaggaa tgcccgcaa 240  
 atccatcatg ggagcccagt cgagttctgc cattcgcaag atcatccgtg a 291

<210> 19  
 <211> 258  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 1701bp to 1444bp pRET1100

<400> 19  
 atgaggaggg accatgtaca ggtgaaaatg cggagcgctt cggctttgga actccatttt 60  
 ccacgcaccc atccaggcaa tgccccaggc ccgttggaac cgtttgaaga acgtctggag 120  
 atgttttttg acctcagcgc cggtgggggc aaccgtaagc cagtcccccg gataggtgag 180  
 ggtcaccatc gcaggaatgc ccggcaaatc catcatggga gccagtcga gttctgcca 240  
 tcgcaagatc atccgtga 258

<210> 20  
 <211> 231  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 1674bp to 1444bp pRET1100

<400> 20  
 atgccggagcg cctcggcttt ggaactccat tttccacgca cccatccagg caatgcccc 60  
 ggcccggttg aaccgtttga agaacgtctg gagatgtttt ttgacctcag cgccggtggg 120  
 ggcaaccgta agccagtccc ccggataggt gaggtcacc atcgcaggaa tgcccgcaa 180  
 atccatcatg ggagcccagt cgagttctgc cattcgcaag atcatccgtg a 231

<210> 21  
 <211> 138  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 1581bp to 1444bp pRET1100

<400> 21  
 atgttttttg acctcagcgc cgggtgggggc aaccgtaagc cagtcccccg gataggtgag 60  
 ggtcaccatc gcaggaatgc cgggcaaadc catcatggga gccagtcga gttctgccat 120  
 tcgcaagatc atccgtga 138

<210> 22  
 <211> 423  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2828bp to 2406bp pRET1100

<400> 22  
 atggtgggag ggcaaacatc ccaatacgtc tcagttatga atgaagacag agacaacatc 60  
 atcgccaggt tccgcgtcga aatgctccgc tcaatcgagg atgcaattca tttagccgca 120  
 ctctccgcga acgacgaaaa ccgttatgcc gcaacagaag acaatcgacc cgtgcggaca 180  
 caactatcgc aacaacagca ggttgtcctg accgagctga cattggccga ccacatggaa 240  
 aagctcgcgc gggagcacct cgtttaccta gccgacagag cgcgggagat gaattgcacc 300  
 tgggtagaga taggtcagtc gttgggtctc tctccccacg gagcgagca ggcacatcacc 360  
 agaagccgcc caaaacccgc catccagcaa aagacaaaagc cgaaaggcgt tccgcgcgtc 420  
 tag 423

<210> 23  
 <211> 387  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2792bp to 2406bp pRET1100

<400> 23  
 atgaatgaag acagagacaa catcatcgcc aggttcgcgc tcgaaatgct ccgtcaatc 60  
 gaggatgcaa ttcatttagc cgcactctcc gcgaacgacg aaaaccgtta tgccgcaaca 120  
 gaagacaatc gaccctgtcg gacacaacta tcgcaacaac agcaggttgt cctgaccgag 180  
 ctgacattgg ccgaccacat ggaaaagctc gcgcgggagc acctcgttta cctagccgac 240  
 agagcgcggg agatgaattg cacctgggta gagatagtc agtcgttggg tctctctccc 300  
 caccggagcgc agcagcgcat caccagaagc cgcccaaac ccgcatcca gcaaaagaca 360  
 aagccgaaag gcgttcgcgc cgtctag 387

<210> 24

<211> 342  
 <212> DNA  
 <213> Rhodococcus erythropolis  
  
 <220>  
 <221> misc\_feature  
 <223> 2747bp to 2406bp pRET1100  
  
 <400> 24  
 atgctccgct caatcgagga tgcaattcat ttagccgcac tctccgogaa cgacgaaaac 60  
 cgttatgccg caacagaaga caatcgaccc gtgcggacac aactatcgca acaacagcag 120  
 gttgtcctga ccgagctgac attggcgcac cacatggaaa agctcgcgcg ggagcacctc 180  
 gtttacctag ccgacagagc gcgggagatg aattgcacct gggtagagat aggtcagtcg 240  
 ttgggtctct ctccccacgg agcgcagcag cgcacaccca gaagccgccccc aaaacccgcc 300  
 atccagcaaa agacaaagcc gaaaggcgtt ccgcgcgtct ag 342

<210> 25  
 <211> 189  
 <212> DNA  
 <213> Rhodococcus erythropolis  
  
 <220>  
 <221> misc\_feature  
 <223> 2594bp to 2406bp pRET1100

<400> 25  
 atggaagaagc tcgcgcggga gcacctcgtt tacctagccg acagagcgcg ggagatgaat 60  
 tgcaacctggg tagagatagg tcagtcgttg ggtctctctc cccacggagc gcagcagcgc 120  
 atcaccagaa gccgccccaa acccgccatc cagcaaaaga caaagccgaa aggcgttcgc 180  
 cgcgtctag 189

<210> 26  
 <211> 135  
 <212> DNA  
 <213> Rhodococcus erythropolis  
  
 <220>  
 <221> misc\_feature  
 <223> 2540bp to 2406bp pRET1100

<400> 26  
 atgaattgca cctgggtaga gataggtcag tcgttgggtc tctctcccca cggagcgcag 60  
 cagcgcacaa ccagaagccg cccaaaaccc gccatccagc aaaagacaaa gccgaaaggo 120  
 gttccgcgcg tctag 135

<210> 27  
 <211> 336  
 <212> DNA  
 <213> Rhodococcus erythropolis  
  
 <220>  
 <221> misc\_feature  
 <223> 2971bp to 3306bp pRET1100

<400> 27  
 atggctttga aagctgctgg caacgtgatt cctgattcct ccgcgtacga gtaccgggcg 60  
 gttcaggtcg agccgaagat ggtcagaaaa gaccgggaag acccgaactc tgagcagttc 120

cagaagcaga aggacggcac gccggtgtgg tcgatcgact gcattcgggt cgaccgggca 180  
tcaggcaaca aggcaatcgt gaccgtgacg gttccggacg tgatggaacc ggatgttgcg 240  
gggccgggtgg agttctccga gatgattgcc ggtttctggg tticgcgcag tggttcgggc 300  
atgtggtttt cggcaagcgc cgtcgcttct ctctga 336

<210> 28  
<211> 258  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3049bp to 3306bp pRET1100

<400> 28  
atggtcagaa aagacccgga agacccgaac tctgagcagt tccagaagca gaaggacggc 60  
acgccggtgt ggtcgatcga ctgcattcgg gtcgaccggg catcaggcaa caaggcaatc 120  
gtgaccgtga cggttccgga cgtgatggaa ccggatgttg cggggccggt ggagttctcc 180  
gagatgattg ccggtttctg ggtttcgcgc agtggttcgg gcatgtggtt ttcggcaagc 240  
gccgtcgctt ctctctga 258

<210> 29  
<211> 525  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3577bp to 3053bp pRET1100

<400> 29  
atgtogatgt actgccctcc gctgaacggc ccagctctt cggagagag aacgaggcac 60  
ccggcaacgt ccgagaacac ccggttttcc cacttcggat cggccggcac tctcagcggc 120  
acagcttcgg actgtgaacg atcactgaac acgttcgccg ctgccaacc tgccgcaacc 180  
agcacaacaa cgagcacgag ggcacccaca ccagcgcaa cgccttttcc tttggacatt 240  
tccgaacctt tcgaggggcg acgatcagcg atcagagaga agcagcggcg cttgccgaaa 300  
accacatgcc cgaaccactg cgcgaaaccc agaaaccggc aatcatctcg gagaactcca 360  
ccggccccgc aacatccggt tccatcacgt ccggaaccgt caccgtcacg attgccttgt 420  
tgctgatgc ccggtcgacc cgaatgcagt cgatcgacca caccggcgtg ccgtccttot 480  
gottctggaa ctgctcagag ttccgggtott ccgggtcttt totga 525

<210> 30  
<211> 519  
<212> DNA  
<213> Rhodococcus erythropolis

<220>  
<221> misc\_feature  
<223> 3571bp to 3053bp pRET1100

<400> 30  
atgtactgcc ctccgtgaa cggccccagc tcttcggag agagaacgag gcacccggca 60

acgtccgaga acaccccggt ttccacttc ggatcgccg gcactctcag cggcacagct	120
tcggactgtg aacgatcaat gaacacgttc gccgcttgcc aacctgccg aaccagcaca	180
aacacgagca cgagggcacc cacacccagc gcaacgcctt ttcccttgga catttccgaa	240
cctttcgagg ggccgacgac agcgatcaga gagaagcgac ggccgcttgcc gaaaaccaca	300
tgcccgaaac actgcgcgaa acccagaaac cggcaatcat ctccggagaac tccaccggcc	360
ccgcaacatc cggttccatc acgtccggaa ccgtcacggt caccgattgcc ttgttgcctg	420
atgcccggtc gaccogaatg cagtcgatcg accacaccgg cgtgcgctcc ttctgcttct	480
ggaactgctc agagttcggg tottccgggt cttttctga	519

<210> 31  
 <211> 564  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 3339bp to 3902bp pRET1100

<400> 31	
atgtccaaag gaaaaggcgt tgcgctgggt gtgggtgccc togtgtcgt gtttgtctg	60
gttgcggcag gttgcaagc ggccgaacgtg ttcagtcatc gttcacagtc cgaagctgtg	120
ccgtgagagc tccggccgga tccgaagtgg gaaaacgggg tgttctcgga cgttgccggg	180
tgctcgttc tctctccgga agagctgggg ccgttcagcg gagggcagta catcgacata	240
gtgaggccag ttgagccgga gaggttgagg ccgactggg tgaggtcggc tgagtgcgtt	300
tcggcgtcga tgaatgtctc tgacctgttg gtttctgctc ttccagagtc caccgctccc	360
cccgcgatt togttcgttc ttggaaagtg gcgagtcatg attactgcta tgagggtgat	420
aaccgcgaag gctgcacttc tcgtatgccg gtttgggtct ctgcaaaaaa ctggttgtgc	480
acagaacccg tactcgatcc gctcgttcgt cgtgtgagg tottctctgc aaggcaaato	540
gttgtccgg aagggtttc gtga	564

<210> 32  
 <211> 255  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 3648bp to 3902bp pRET1100

<400> 32	
atgaatgtct ctgacctgtt ggtttctgct cttccagagt ccaccgctcc ccccgcgat	60
ttcgttcgtt cgtggaaagt ggccgagtcat gattactgtc atgagggtga taaccgcaa	120
ggctgcactt ctgcatgcc ggtttgggtc tctgcaaaaa actggtgtgtg cacagaaccc	180
gtactcgatc cgtcgttcg tcgctgtgag gtctttcctg caaggcaaat cgttgtgccg	240
gaagggttt cgtga	255

<210> 33  
 <211> 669  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 4366bp to 5034bp pRET1100

<400> 33  
 atgggcaccc cagcccaag taaccgttg tgcgtggat atttcggcgg tggctcgtg 60  
 agcggggaga agcggcacag cgaggccggc ccggtagaaa tcatttttt gatgctggca 120  
 gtcaggcggg gggactacat cgtgccgtg actgcggttc tcgcggtcgg gttcttcgag 180  
 gtcgcggttg agggtttctg gttcctggtc gtcgcagtc tcgctgcacc ggcgtggtg 240  
 tttctgcgag actgggaatc gaagcggagg gccgtacggg tctttgaac ggcattggaag 300  
 gggacacctg aatcccccg tattgctctc tcccttgcc tgcgaacgt ggcggggtct 360  
 ctgccgaggt tgaggaaagt tgaactggt tcggggatag gcacactcgt gttttcttg 420  
 ccgcccggag tcaactgccg gagctttgag aaagttcgc ctgcgtggc agacgcgatg 480  
 gggggtcacc gctgccaagt agagaagggt gcccccgac aggtccgct cagagtatt 540  
 gatgaggatt cgatgaagac gccgcgtgat gcgggatggg cgaaagatgt tgcgtggaa 600  
 gaggatacgt tcgacggtct tccgggcgag acgcatcct ggttcgagca agaggggccg 660  
 gcatcatga 669

<210> 34  
 <211> 558  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 4477bp to 5034bp pRET1100

<400> 34  
 atgtggcag tcagggcggg ggactacatc gtcgcgtga ctgcggttct cgcggtcggg 60  
 ttcttcggg tcgcggttga gggtttctg ttcctggtc tcgcagtcac cgctgcaccg 120  
 gcgtggtggt ttctgcgga ctgggaatcg aagcggaggg ccgtacgggt ctttgaacgg 180  
 gcatggaagg ggacacctga atccccgggt attgctctct ccttggcct gtcgaacgtg 240  
 gcggggtctc tgccgaggtt gaggaagttt gaaactggtt cggggatagc cacactcgtg 300  
 ttttcttgc cggccggagt cactgccgag agctttgaga aagttcgccc tgcgtggca 360  
 gacgcgatgg ggggtcaccg ctgccaagta gagaagggtg cccccggaca ggtccgctc 420  
 agagtattg atgaggattc gatgaagac ccgcgtgatg cgggatgggc gaaagatgtt 480  
 gtgctggaag aggatacgtt cgacgtctt cggggcgaga cgcgatcctg gttcgagcaa 540  
 gaggggccgg catcatga 558

<210> 35  
 <211> 791  
 <212> DNA  
 <213> Rhodococcus erythropolis

<220>  
 <221> misc\_feature  
 <223> 2410bp to 3200bp pRET1100

<400> 35

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acgcgcggaa cgcctttcgg ctttgtcttt tgctggatgg cgggttttgg gcggcttctg    60
gtgatgcgct gctgcgctcc gtggggagag agaccaacg actgacctat ctctaccag    120
gtgcaattca tctccgcgc tctgtcggct aggtaaacga ggtgctccc cgcgagcttt    180
tccatgtggt cggccaatgt cagctcggtc aggacaacct gctgttggtg cgatagttgt    240
gtccgcacgg gtcgattgtc ttctgttgcg gcataacggt tttcgtcgtt cgcggagagt    300
goggctaaat gaattgcac ctcgattgag cggagcattt cgacgcggaa cctggcgatg    360
atgttgtctc tgtcttcatt cataactgaa gcgtattggg agtgttgcgc tcccaccatg    420
tgtgccaatg cagggtgtaa ctgagtcaca gtttctcaat agactccaag tttgtgatcc    480
ttttactccc aaaatggggc atgatgtgtg cgtgcctcgg ttcaggggcg aaagttcgac    540
acctcgaaag aaggcctcga catggctttg aaagctgctg gcaacgtgat tcctgattcc    600
tccgcgtacg agtaccgggc ggttcaggtc gagccgaaga tggtcagaaa agaccggaa    660
gaccogaact ctgagcagtt ccagaagcag aaggacggca cgcgggtgtg gtcgatcgac    720
tgcatcggg tcgaccgggc atcaggcaac aaggcaatcg tgaccgtgac ggttcggac    780
gtgatggaac c                                         791

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<210> 36
<211> 501
<212> DNA
<213> Rhodococcus erythropolis

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<220>
<221> misc_feature
<223> 1000bp to 1500bp pRET1100

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<400> 36
cttgttacat ctgccacaac tgtccgtgaa tctctgccag ctctgaaac cgttggtcag    60
ggccttgagg aatccgtgac cgtgatgat ttttggctc attcgttccc ccgcgctgac    120
gatgtacgag gcgcagctgc ttcttccag tcgggtggta actgggatgg gcgtgagggt    180
ccgaggccgc gtttcgttgt cgcgcctggc gttgtccgt tggaggtttg tgatctcgca    240
cgccgcgaac gaacggctga acgtgcgtat ctggctgctc gggctcgggt ggatatggcg    300
gctgccagga ataatcgcc gtacgacttc gacgtggacg atgaagagtt ggcggaactg    360
gcttctctgc aaggcctcga ggacgacgac attgggggct ggtctgcgga gagggaaata    420
gtgggctggt ctgctcgttc tcggtcacgg atgatcttgc gaatggcaga actcgactgg    480
gctcccatga tggatttgcc g                                         501

```

```

<210> 37
<211> 945
<212> DNA
<213> Rhodococcus erythropolis

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<220>
<221> misc_feature
<223> 5000bp to 500bp pRET1100

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<400> 37
gatcctggtt cgagcaagag gggccggcat catgagaaaa tcggcgggag tatctcgat    60
tcctatccgt ctccggcgct ctacgtacgg ggaagacgtt ggattcgatc tcgtgcgga    120
cgccgctcac atcgccatgc agggcaaac ccgatccggc aaaagtcagg cgacgtacaa    180

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ogtgttagct caggcagcag cgaacgcggc ggttcgagtc gtagggtccg acccgacaca	240
cgctactcctg gagcccttca aacatcgagg ggtgtccgag ccttacgtgg tttcgggact	300
gaatgcgcag gccacggtgg acatgctggg ctgggtcaag cgtgagtctg atcgtcgcat	360
cgaccagatg tggccctgc gtaccgacaa gttttccgag ttcggggctt cgttcccgt	420
gatactcgtc gtgctcgaag agtttccgg gatcctcgag ggggcagcgg acgaagacgc	480
cgcgtaggc cgaaaacctg ccgagcgtct cgcaccccg atttcggcct acgtgcgtca	540
gatagcagcg cagtcggcaa aggttggaat tcgccttctc ctgctctcgc aacgagcggg	600
ggcctcgatc attggcggca atgcgcgttc gaatttcggg gtcaagatga ctctgagggt	660
ggacgaaccg gagtcggtga gaatgcttca tccgagcgt tccccggaag actgtgccct	720
ggtcgagacc ttcaagcctg gtacctgcct tttcgagaag ccaggagaag gccggcagat	780
tatgcgatgc gactttgtcg gcgagtacgg gagatatcgc cgagccatcg agtccttcgga	840
tctgcgtttt ctgccaccc tccagcaaga ccaggcccaa cgcgaattct tcgtgagga	900
gttcggtgtg gtggatccgt catgactgga ccacaggaga gaaag	945

<210> 38  
 <211> 939  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 3350bp to 2412bp pRET1000

<400> 38	
atggttgccg tggaagagca cacaggcggc gcctgggaac agctgtggct accgctgtgg	60
ccactggcaa ccgacgattt cctcgacggc gtctaccgga tggcgcatc agacgcactg	120
gatcgccgt acatcgagtc gaaccgcag gcattgagca acctgctcgt cgtggacgtt	180
gaccacccgg acgccgcgt gcgggcgtg tcggcgccg ggaatcatcc tctgccgaac	240
gcgatcgtgg agaaccoccg taacgggcac gcacacgctg tgtggcgct ggacagccg	300
ttcaaccgca ccgagtacgc ccgtcgttaag ccgctgcct atgcggccgc cgtcaccgaa	360
ggcctccggc gcgccgtcca gggggacaag ggctattcgg gcctgatgac caagaaccgg	420
actcacggtg actgggacac ccattggctg cacaccgagc ggcgatccct cgcgagctc	480
gaggcggaac tcggcatcca catgcccca acgcgctggc ggcaaaccgg atcgcgccgt	540
gagaaccgca tcggcctcgg ccgaaactgc gccctgttgc aaaccgcacg cacctgggcc	600
taccgcgaaa tccgttcca ctggggcgac ccgaocggcc tcggggccgc gatctatgcg	660
gaagccgcac agatcaacgc cagttcagg aaccgggtca caggcaggcc cgatccactg	720
ccagcaagcg agctacgcgc cgtcgcggcc tcattaccc gctggatcac taaaagtcc	780
cggtatgtgg ccgacggccc tgctgtctac gaggccacat tcatcgccat acaagccgca	840
cgcggtcgca agatgagtga gaagaagcgc gaggcaaacc ggaaacgagc gacgaaggtc	900
gaccggaacg cattgtggga ggcagaccgt gggcgctga	939

<210> 39  
 <211> 840  
 <212> DNA



<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 3251bp to 2412bp pRET1000

<400> 39

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atgcggcgat cagacgcact ggatcgccgc tacatcgagt cgaacccgca ggcattgago 60
aacctgctcg tcgtggacgt tgaccaccgc gacgccgcgc tgcgggcgct gtcggcggcc 120
gggaatcatc ctctgccgaa cgcgatcgtg gagaaccccc gtaacgggca cgcacacgct 180
gtgtgggcgc tggcagagcc gttcaccgc accgagtacg cccgtcgtaa gccgctcgcc 240
tatcgggcgc cgtcaccga aggcctccgc cgcgccgtcc agggggacaa gggctattcg 300
ggcctgatga ccaagaaccc gactcacggt gactgggaca cccattggct gcacaccgag 360
cggcgatccc tcgccgagct cgaggcggaa ctccgcatcc acatgccgcc aacgcgctgg 420
cggcaaaccg gatcgccgc tgagaaccgc atccgcttcg gccgaaactg cgcctgttc 480
gaaaccgcac gcacctgggc ctaccgcgaa atccgcttc actggggcga cccgaccggc 540
ctcggggcgc cgatctatgc ggaagccgca cagatcaacg ccacgttcag gaaccggctc 600
acaggcaggc ccgatccact gccagcaagc gagctacgc ccgtcgggc ctccattacc 660
cgctggatca ctacaaagtc cgggatgtgg gccgacggcc ctgctgtcta cgaggccaca 720
ttcatgccca tacaagccgc acgcggtcgc aagatgagtg agaagaagcg cgaggcaaac 780
cggaaacgag cgacgaaggt cgaccggaac gcattgtggg aggcagaccg tgggcgctga 840
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<210> 40

<211> 534

<212> DNA

<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 2945bp to 2412bp pRET1000

<400> 40

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atgaccaaga acccgactca cggtgactgg gacacccatt ggctgcacac cgagcggcga 60
tccctgcgcg agctcgaggc ggaactcggc atccacatgc cgccaacgcg ctggcggcaa 120
acccgatcgc gccgtgagaa cccgatcggc ctccgcccga actgcgccct gttcgaaacc 180
gcacgcacct gggcctaccg cgaatccgc ttccactggg gcgaccgcac cggcctcggg 240
gccgcgatct atcggaagc cgcacagatc aacgccacgt tcaggaaccc ggtcacaggc 300
aggcccgatc cactgccagc aagcgagcta cgcgccgtcg cggcctccat taccgctgg 360
atcactacaa agtcccgat gtgggccgac ggccctgctg tctacgagc caccatcatc 420
gccatacaag ccgcacgcgg tcgcaagatg agtgagaaga agcgcgagc aaaccggaaa 480
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<210> 41

<211> 438

<212> DNA

<213> Rhodococcus rhodnii

<220>

<221> misc\_feature

<223> 2849bp to 2412bp pRET1000

<400> 41  
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cgaaactcgc ccctgttcga aaccgcacgc acctgggcct accgcgaaat ccgcttcac 120  
tggggcgacc cgaccggcct cggggccgcg atctatgcgg aagccgcaca gatcaacgcc 180  
acgttcagga acccggtcac aggcaggccc gatccactgc cagcaagcga gctacgcgc 240  
gtcgggcct ccattaccg ctggatcact aaaaagtccc ggatgtgggc cgacggccct 300  
gctgtctacg aggccacatt catgccata caagccgcac gcggtcgaa gatgagtga 360  
aagaagcgcg aggcacaacc gaaacgagcg acgaagtg accggaacgc attgtgggag 420  
gcagaccgtg ggcgtga 438

<210> 42  
<211> 207  
<212> DNA  
<213> Rhodococcus rhodnii  
<220>  
<221> misc\_feature  
<223> 2365bp to 2159bp pRET1000

<400> 42  
atgggggcct ccacgcgcac gatccagcgc atcatggccg agccgcggga ccagttcctc 60  
gcacgggcag ccgagaaccg tcgccgggcc gtcgagctgc gcgagcaggc cctgaagtac 120  
cgcgagatcg ccgaggagat gggaatctcc accggaacgg tgggaaagct cctgcacgac 180  
gcacgcaagt acgcggtcag ctccctag 207

<210> 43  
<211> 174  
<212> DNA  
<213> Rhodococcus rhodnii  
<220>  
<221> misc\_feature  
<223> 2332bp to 2159bp pRET1000

<400> 43  
atggccgagc cgccggacca gtctctcgca cgggcagccg agaaccgtcg ccgggcccgtc 60  
gagctgcgcg agcagggcct gaagtaccgc gagatcgccg aggagatggg aatctccacc 120  
ggaacggtgg gaaagtcct gcacgacgca cgcaagtacg cggtcagctc ctag 174

<210> 44  
<211> 330  
<212> DNA  
<213> Rhodococcus rhodnii  
<220>  
<221> misc\_feature  
<223> 3197bp to 3526bp pRET1000

<400> 44  
atgcctcggg gtctgactcg atgtagcggc gatccagtgc gtctgatcgc cgcattccgt 60  
agaagccgct gaggaaatcg togttgcca gtggccacag cggtagccac agotgttccc 120  
aggcgccgcc tgtgtgctct tccaccgcaa ccatggggaa cacactcaca cacaagatcg 180

atttattccg gtacgacacg ccagccaagt cagatgttcc ggtttctgga gcggtcctcc 240  
 agacotttga gatccgctcc agaaacgtcc acaaattatt ggggtacgtc gaaccaagcc 300  
 ttatcaggtg tcccgggggt ccgggggtga 330

<210> 45  
 <211> 357  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 4035bp to 3679bp pRET1000

<400> 45  
 atgggggtgt tattgtttgt tgcgtcgggg gccgtggcga tgggtggcgg tgttgtctta 60  
 ccgcgcgggg atcgtctcgg gccggcacca ggatttcctt ggttctgggt ggtgttccca 120  
 tccacgtgca ttgccatcgc tgcgcgggtg ggtgtcttcg ctggcccca agcggttacc 180  
 ggcacgggga gctactggtg ggatccgcc agcgcgagct caccgacct gcagttcctg 240  
 tcaaacgagc agtaccggcg cctcgtgaca ctgcgccgtg tgcagggggc gctaccggtg 300  
 gtgtccctcg tgggaagcgg attgtgcgtg tgggcctggc gtcgacgcg cttctga 357

<210> 46  
 <211> 318  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 3996bp to 3679bp pRET1000

<400> 46  
 atgttgccg gtgtgtctt accgcgcgg gatcgtctcg ggccggcacc aggatttccc 60  
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 gcttgccccc aagcggttac cggcacgggg agctactggt gggatccgcc cagcgcgagc 180  
 tcaccgacct tgcagttcct gtcaaacgag cagtaccggc gcctcgtgac actgcgcggg 240  
 ttgcaggggg cgctaccggt ggtgtccctc gtgggaagcg gattgtgcgt gtgggcctgg 300  
 cgtcgacgcc gottctga 318

<210> 47  
 <211> 450  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 4381bp to 4830bp pRET1000

<400> 47  
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 gccgtgacg cggcccccgc gaagcgcacc cgcaccgtgg cgggtcggct gaccgatggg 120  
 gaggaggccg cgtggatcga cgcgcgcgtg gccgatggcc accggcagct cggggcgtgg 180  
 gtgcgtgagc gggcgggtgg cggctatctc gggaaggctc gccgaagac cggcagtgga 240  
 atgtcggcgg aggcggccgc ggaggtcgcc gcgatcgcc agcagatgac gaaggtgggg 300

aacaacctga accagatcgc gagggcgatc aacgccgggc aggtgccgtc gcagatggcc 360  
gagtcacctgc agaaggggtg gctggagagg tgggggcagg agttggggcg gatggcggat 420  
cggctcgacg cgctcgacga ccagggtga 450

<210> 48  
<211> 210  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4621bp to 4830bp pRET1000

<400> 48  
atgtcggcgg aggcggccgc ggaggtcgcc gcgatgcggc agcagatgac gaaggtgggg 60  
aacaacctga accagatcgc gagggcgatc aacgccgggc aggtgccgtc gcagatggcc 120  
gagtcacctgc agaaggggtg gctggagagg tgggggcagg agttggggcg gatggcggat 180  
cggctcgacg cgctcgacga ccagggtga 210

<210> 49  
<211> 177  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4654bp to 4830bp pRET1000

<400> 49  
atcgggcagc agatgacgaa ggtggggaac aacctgaacc agatcgcgag ggcatcaac 60  
gccgggcagg tgccgtcgca gatggccgag tccctgcaga aggggtggct ggagaggtgg 120  
gggcaggagt tggggcggat ggccgatcgg ctgcacgcgc tcgacgacca gggtga 177

<210> 50  
<211> 165  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 4666bp to 4830bp pRET1000

<400> 50  
atgacgaagg tggggaacaa cctgaaccag atcgcgaggg cgatcaacgc cgggcaggtg 60  
ccgtcgaga tggccgagtc cctgcagaag ggggtgctgg agaggtgggg gcaggagttg 120  
gggcggatgg cggatcggct cgacgcgctc gacgaccagg gctga 165

<210> 51  
<211> 453  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 5161bp to 4709bp pRET1000

<400> 51  
atgactctcg aagcccatcc gtcgcgac cgtctgcgcg atgtccgcga actcggatc 60  
ggtcagccgc cgatccccgg gcgcgcaccg cagcgagcaa tgccacaccg gcttaccac 120  
ccgcgcgttc gtcgcgccgg ccgcctcgaa gtcccgcccc caccgggtcg ggtttttggc 180  
ggtgacctgc accgatcccg cgatcaccgt ccgcgcgcga atcagccggc ccgcctcgg 240  
gcggtagctg tgcggggtgg ccttccccgg ccggtgcaga tacgcgcga accccttcgg 300  
gtcgtgccc gtgctgatct tcgcgatcac gtcagccctg gtcgtcgagc gcgtcgagcc 360  
gatccgcat ccgcccacac tcctgcccc accctccag ccacccttc tgcagggact 420  
oggccatctg cgacggcacc tgcccggcgt tga 453

<210> 52  
<211> 354  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 5062bp to 4709bp pRET1000

<400> 52  
atgccacacc ggcttaccac ccgcgcggtt cgtcgcgcg gcccgcctga agtcccgccc 60  
ccaccgggtc gggtttttgg cggtagctgc caccgatccc gcgatcaccg tccgcgcggc 120  
aatcagccgg ccgcctcgg tgcgtagct gtgcggggtg gccttccccg gcccgtagc 180  
atacgccgcc aacccttcg gtcgtgccc cgtgctgac ttgcgatca cgtcagccct 240  
ggtcgtcgag cgcgtcgagc cgatccgcca tccgcccac ctctgcccc cactctcca 300  
gccaccctt ctgcagggac tcggccatct gcgacggcac ctgcccggcg ttga 354

<210> 53  
<211> 288  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2331bp to 2618bp pRET1000

<400> 53  
atgatgcgct ggatcgtgcg cgtggaggcc ccatctttt cggccagctc gcgagctgtc 60  
tgcttcggc ggatcggtcg ttcagcggc acggtctgac tccacaatg cgttcggtc 120  
gacottcgtc gtcgttttc ggtttgcctc gcgtttcttc tcaactcatct tgcgaccgcg 180  
tgcggttgt atggcgatga atgtggcctc gtagacagca gggccgtcgg ccacatccg 240  
ggactttgta gtgatccagc ggtaaatgga ggccgcgac gcgcgtag 288

<210> 54  
<211> 285  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2334bp to 2618bp pRET1000

<400> 54  
atgcgctgga tcgtgcgcgt ggaggccccc atcttctcgg ccagctcgcg agctgtctgc 60  
ttgcggcgga tcggtcgttc agcgcccacg gtctgcctcc cacaatgcgt tccggtcgac 120  
cttcgtcgtc cgtttccggt ttgcctcgcg cttcttctca ctcattcttc gaccgcgtgc 180  
ggcttgtatg gcgatgaatg tggcctcgta gacagcaggg ccgtcggccc acatccggga 240  
ctttgtagtg atccagcggg taatggaggg cgcgacggcg cgtag 285

<210> 55  
<211> 336  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 2907bp to 3242bp pRET1000

<400> 55  
atgggtgtcc cagtcaccgt gattcgggtt cttggtcctc aggcgccaat agcccttctc 60  
cccttggaag gcgcgccgga ggccttcggt gacggcggcc gcataggcga gcggcttaag 120  
acgggcgtac tcggtgcggg tgaacggctc tgccagcgcc cacacagcgt gtgcgtgccc 180  
gttaacgggg ttctccacga tcgcgttcgg cagaggatga ttcccgcccg ccgacagcgc 240  
ccgcagcgcg gcgtccgggt ggtcaacgtc cagcagcagc aggttctcct atgcctgcgg 300  
gttcgactcg atgtagcggc gatccagtgc gtcgtg 336

<210> 56  
<211> 513  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1650bp to 2162bp pRET1000

<400> 56  
atgcggattg aactagttca tttggggaac gatgacctga tgaccgggga tcgtgacctc 60  
cccatgctga ccatcgccga ggcggtggac gcgacgcaga ccagtgcgag cacgatcaag 120  
cgccgcctcg ggtcgggcgc gttccccaac gcggtccgca ctgccgacgg gaagtggatg 180  
attcccctcg gtgacctatc agcggcaggg ctgagaccag ggaaaatggc gaaacctgac 240  
ccggtgacct cttcaaatga ccgggtccgt gacctggcag ctgagaacgc cgagctccgt 300  
cagcgctcgg ccgtggccga agccctggcc agcgaacgca atcggtatc cgacgtgcag 360  
caacagatgc tcgggatgct cgaagcccg cgggtgtcgg ccctggagcc cgcggcggtt 420  
ccagtggcgg gtccgcggcc gcccgctccg gccgcgatg gtccggcagc tacgggcgcc 480  
ctggcccga tacgtgcagc gtttctcggc tag 513

<210> 57  
<211> 474  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
<221> misc\_feature  
<223> 1689bp to 2162bp pRET1000

<400> 57  
atgaccgggg atcgtgacct acccatgctg accatcgccg aggcgggtgga cgcgacgcag 60  
accagtgaga gcacgatcaa gcgccgcctg cggtcggggc cgttcccgaa cgcggtccgc 120  
actgccgacg ggaagtggat gattcccctc ggtgacctat cagcggcagg gctgagacca 180  
gggaaaatgg cgaaacctga cccggtgacc ccttcaaatg accgggtccg tgacctggca 240  
gctgagaacg ccgagctccg tcagcgctg gccgtggccg aagccctggc cagcgaacgc 300  
aatcggtatc tcgacgtgca gcaacagatg ctccggatgc tcgaagcccg gccggtgtcg 360  
gccctggagc ccgcggcggg tcagtgggc ggtccgcgcg cgcctgtccc gccgcgcgat 420  
ggtcgggcag ctacgggcgc cctggcccgg atacgtcgac ggcttctcgg ctag 474

<210> 58  
<211> 450  
<212> DNA  
<213> Rhodococcus rhodnii  
<220>  
<221> misc\_feature  
<223> 1713bp to 2162bp pRET1000

<400> 58  
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cgctgcggt cgggcgcgtt cccgaacgcg gtccgcactg ccgacgggaa gtggatgatt 120  
cccctcgggt acctatcagc ggcagggtcg agaccaggga aaatggcgaa acctgacctg 180  
gtgacctt ccaatgacgc ggtccgtgac ctggcagctg agaacgccga gctccgtcag 240  
cgctggccg tggccgaagc cctggccagc gaacgcaatc ggatcatcga cgtgcagcaa 300  
cagatgtcc ggatgtcga agcccggcgt gtgtcggccc tggagccgc gccggttcca 360  
gtggcgggtc cgcgcgcgcc cgtcccgccc gccgatggtc gggcagctac gggcgcctg 420  
gcccgatagc gtcgacggct tctcggctag 450

<210> 59  
<211> 336  
<212> DNA  
<213> Rhodococcus rhodnii  
<220>  
<221> misc\_feature  
<223> 1827bp to 2162bp pRET1000

<400> 59  
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gaccgggtga ccccttcaaa tgaccgggtc cgtgacctg cagctgagaa cgcgagctc 120  
cgtcagcgc tggccgtggc cgaagccctg gccagcgaac gcaatcggat catcgacgtg 180  
cagcaacaga tgctccgat gctcgaagcc cggccggtgt cggccctgga gccgcggcg 240  
gttcagtg cgggtccgcc gcccccgtc ccggccgcg atggtcgggc agctacgggc 300  
gccctggccc ggatacgtg acggcttctc ggctag 336

<210> 60  
<211> 288  
<212> DNA  
<213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 1875bp to 2162bp pRET1000

<400> 60  
 atggcgaaac ctgacccggt gaccccttca aatgaccggg tccgtgacct ggcagctgag 60  
 aacgcgagc tccgtcagcg cctggccgtg gccgaagccc tggccagcga acgcaatcgg 120  
 atcatcgacg tgcagcaaca gatgctccgg atgctcgaag cccggccggt gtcggccctg 180  
 gagcccgagg cggttccagt ggcgggtccg ccgcgcgccg tcccggccgc cgatggtcgg 240  
 gcagctacgg ggcgccctggc ccggatacgt cgacggcttc tcggctag 288

<210> 61  
 <211> 264  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 1906bp to 2169bp pRET1000

<400> 61  
 atgaccgggt ccgtgacctg gcagctgaga acgccgagct ccgtcagcgc ctggccgtgg 60  
 ccgaagccct ggccagcgaa cgcaatcgga tcatcgacgt gcagcaacag atgctccgga 120  
 tgctcgaagc ccggccggtg tcggccctgg agcccgcggc ggttcagtg gcgggtccgc 180  
 cgccgcccggt cccggccgcc gatggtcggg cagctacggg cgccctggcc cggatacgtc 240  
 gacggcttct cggctaggag ctga 264

<210> 62  
 <211> 258  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 810bp to 553bp pRET1000

<400> 62  
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 gaccgacctt ctacgatcg atggtgttct tggacatgct tcgccaggcc tgcgtctgtt 120  
 ccctacgcto cacgaaagcc ttctcgctct ctgctcacag tccattccg gattotcgac 180  
 ctgggtcggg gccgggtggc tgatacccg gggccgactg cggcatggtt ggtccctggc 240  
 ggccggccgg gggtttga 258

<210> 63  
 <211> 540  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 117bp to 656bp pRET1000

<400> 63  
 atgggaggcc acccgacacc gctacgggac atgctcgccg cccaggagca gcgccggaag 60



ccgtggactc cggagcagaa acgccagtac gcgaccgcaa aagcccaagc agaacgcgcc	120
gcgaaggcca aggacgccgc gaaatggacc gaggtcgccg gcggcggcta ccagcgggac	180
gtgcgcggga tgaacctgcg actgtgggtg gctgaggacg gcgcctggtc gatcacctcg	240
aagaaggacc ccgaccgcca gtacccgca ggtcaggccg acaccgtcgc gcaggcccaa	300
gccgcggcca cggccacagc gaaaacgcag gcccaggcga tgtggaagca ggtcccggcc	360
gacaagcgca ccgagtcagc caccagagcg gtccggcgcg tgatcgcgga tctaccccc	420
accaaaccgc ccgaggtcaa acccccggcc gccgcgcagg gaccaaccat gccgcagtcg	480
gccccggggt atcagccacc cggccgcgac cgaggtcgag aatccggaat gggactgtga	540

<210> 64  
 <211> 510  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 147bp to 656bp pRET1000

<400> 64	
atgctcgccg ccaggagca gcgcgggaag ccgtggactc cggagcagaa acgccagtac	60
gcgaccgcaa aagcccaagc agaacgcgcc gcgaaggcca aggacgccgc gaaatggacc	120
gaggtcgccg gcggcggcta ccagcgggac gtgcgcggga tgaacctgcg actgtgggtg	180
gctgaggacg gcgcctggtc gatcacctcg aagaaggacc ccgaccgcca gtacccgca	240
ggtcaggccg acaccgtcgc gcaggcccaa gccgcggcca cggccacagc gaaaacgcag	300
gcccaggcga tgtggaagca ggtcccggcc gacaagcgca ccgagtcagc caccagagcg	360
gtccggcgcg tgatcgcgga tctaccccc accaaaccgc ccgaggtcaa acccccggcc	420
gccgcgcagg gaccaaccat gccgcagtcg gccccggggt atcagccacc cggccgcgac	480
cgaggtcgag aatccggaat gggactgtga	510

<210> 65  
 <211> 351  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 306bp to 656bp pRET1000

<400> 65	
atgaacctgc gactgtgggt ggctgaggac ggcgccctggt cgatcacctc gaagaaggac	60
cccgaccgcc agtacgccgc aggtcaggcc gacaccgtcg cgcaggccca agccgcggcc	120
acggccacag cgaaaacgca ggcccaggcg atgtggaagc aggtcccggc cgacaagcg	180
accgagtcag ccaccagagc ggtccggcgc gtatcgcggt atctacccc caccaaacc	240
gccgaggtca aacccccggc ccgccgccag ggaccaacca tgccgcagtc ggccccggg	300
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<210> 66  
 <211> 201  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 456bp to 656bp pRET1000

<400> 66  
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 gtgatcgcgg atctcaccac caccaaaccc gccgaggtca aacccccggc ccgccgccag 120  
 ggaccaacca tgccgcagtc gggcccgggg tatcagccac ccggccgcga ccgaggtcga 180  
 gaatccggaa tgggactgtg a 201

<210> 67  
 <211> 1326  
 <212> DNA  
 <213> Rhodococcus rhodnii

<220>  
 <221> misc\_feature  
 <223> 5144bp to 656bp pRET1000

<400> 67  
 atgggcttcg agagtcaccc gtgggtggcg gtgcggcacg acgacgacca catccacctg 60  
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 gtcgtcgagg tgatcgcgga ggtcgaacgc gcgcacggcc tgatcgaggt ggcgagcccg 180  
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 gcgttgacca gccaaagacc ggcggaggag caggctgcg aggcagcgc ggtcgcctcc 780  
 gctgtcatgg gaggccacc gacaccgcta cgggacatgc tcgccgccca ggagcagcgc 840  
 cggaagccgt ggactccgga gcagaaacgc cagtacgca ccgcaaaagc ccaagcagaa 900  
 cgcgccgcga aggccaagga cgcgcgaaa tggaccgagg tcgccggcgg cggctaccag 960  
 cgggacgtgc gcgggatgaa cctgcgactg tgggtggctg aggacggcgc ctggtcgatc 1020  
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 <223> 3355bp to 3507bp pRET1000

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 <213> Rhodococcus rhodnii  
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 <223> 3570bp to 3894bp pRET1000

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